Evaluate the following:

1.  2.
2. Find the measure of two complimentary angles with measures (5z – 20) and (4z + 30)
3. Find the measure of two supplementary angles with measures (2z – 30) and (4z + 90)
4. Convert to decimal degrees.
5. Convert to DMS.

**Find one positive co-terminal and one negative co-terminal**

1. 8.

**Find an angle co-terminal to the following with**

1. **10.**

**Find the values of the 6 trig functions in standard position given the following.**

1. **(5, -1)**

**Determine what quadrant terminates given the following**

**What are the values of the following trig functions quadrantal angles?**

1. **17.**
2. **A propeller rotates 195 times per minute. Through how many degrees will a point on the edge of the propeller rotate in 2.6 seconds.**
3. **A Windmill rotates 245 times per hour. Through how many degrees will a point on the edge of the mill rotate in 12 minutes.**